

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION
(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
 United States Patent and Trademark
 Office
 Box PCT
 Washington, D.C.20231
 ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

| | |
|--|--|
| Date of mailing (day/month/year) 23 October 2000 (23.10.00) | |
| International application No. PCT/EP00/01923 | Applicant's or agent's file reference PAT 99408PCT |
| International filing date (day/month/year) 06 March 2000 (06.03.00) | Priority date (day/month/year) 18 March 1999 (18.03.99) |
| Applicant STAGE, Erling et al | |

1. The designated Office is hereby notified of its election made:

in the demand filed with the International Preliminary Examining Authority on:

07 August 2000 (07.08.00)

in a notice effecting later election filed with the International Bureau on:

2. The election was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

| | |
|---|---|
| The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland | Authorized officer R. E. Stoffel |
| Facsimile No.: (41-22) 740.14.35 | Telephone No.: (41-22) 338.83.38 |

PATENT COOPERATION TREATY

PCT

REC'D 08 JUN 2001

WIPO

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

| | | | |
|---|---|---|---|
| Applicant's or agent's file reference PAT 99408PCT | FOR FURTHER ACTION | | See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) |
| International application No. PCT/EP00/01923 | International filing date (day/month/year) 06/03/2000 | Priority date (day/month/year) 18/03/1999 | |
| International Patent Classification (IPC) or national classification and IPC H04Q7/32 | | | |
| Applicant NOKIA MOBILE PHONES LIMITED | | | |

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 6 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:

- I Basis of the report
- II Priority
- III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV Lack of unity of invention
- V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI Certain documents cited
- VII Certain defects in the international application
- VIII Certain observations on the international application

| | |
|---|--|
| Date of submission of the demand 07/08/2000 | Date of completion of this report 05.06.2001 |
| Name and mailing address of the international preliminary examining authority: European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465 | Authorized officer Pais Gonçalves, A Telephone No. +49 89 2399 8806 |



**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP00/01923

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):
Description, pages:

1-11 as originally filed

Claims, No.:

1-16 as originally filed

Drawings, sheets:

1/4-4/4 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- the language of publication of the international application (under Rule 48.3(b)).
- the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- contained in the international application in written form.
- filed together with the international application in computer readable form.
- furnished subsequently to this Authority in written form.
- furnished subsequently to this Authority in computer readable form.
- The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- the description, pages:
- the claims, Nos.:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP00/01923

the drawings, sheets:

5. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:

the entire international application.
 claims Nos. 16.

because:

- the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (*specify*):
- the description, claims or drawings (*indicate particular elements below*) or said claims Nos. 16 are so unclear that no meaningful opinion could be formed (*specify*):
see separate sheet
- the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.
- no international search report has been established for the said claims Nos. .
2. A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:
- the written form has not been furnished or does not comply with the standard.
- the computer readable form has not been furnished or does not comply with the standard.

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N) Yes: Claims 1-15

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP00/01923

| | | |
|-------------------------------|------|-------------|
| | No: | Claims |
| Inventive step (IS) | Yes: | Claims 1-15 |
| | No: | Claims |
| Industrial applicability (IA) | Yes: | Claims 1-15 |
| | No: | Claims |

2. Citations and explanations
see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:
see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:
see separate sheet

III.

Claim 16 does not fulfil the requirements of Rule 6.2(a) PCT.

V.

1. The present invention relates to a radio handset (Claim 1) for browsing information from the Internet, as well as to a system comprising such a radio handset (Claim 2).
2. The nearest prior art seems to be represented by the cited and acknowledged in the description, in particular the WAP protocol. However, the cited protocol specifications do not enter into detail of its implementation.
3. The present invention is essentially based on an automatic registration in a remote application for access to the Internet by coupling the handset to an accessory device comprising the remote application. With the aid of a browser application the user gets access to the Internet.
4. Said solution is not disclosed in or rendered obvious by the available prior art. In particular: WO-A-97 32439 discloses a communication network terminal (PC) capable of supporting a plurality of applications and communicating by short messages e.g. to a mobile subscriber; EP-A-0 752 763 discloses a data communication system enabling a computer to communicate with a plurality of data terminals by radio communication; the paper by Haartsen et al discloses the bluetooth standard while the paper by Erlandson et al discloses the cited WAP protocol.
5. Consequently, Claims 1 and 2 fulfil the requirements of Article 33(1) PCT in respect of novelty, inventive step and industrial applicability. The same applies to dependent Claims 3 to 15, which contain further refinements of the main embodiments of the independent claims.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/EP00/01923

VII.

On page 11, line 24 of the description, the wording "as defined by the appended claims" was not added to the end of the sentence, PCT Guidelines PG-III 4.3a.

VIII.

The scope of Claims 3 to 15 is not clearly defined as they contain references to different kinds of claims, i.e. it is not clear whether they relate to a handset or to a system. Therefore, they do not fulfil the requirements of Article 6 PCT.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

Higgin, Paul
NOKIA IPR DEPARTMENT
Summit Avenue, Farnborough
Hampshire GU14 0NG
GRANDE BRETAGNE

| | |
|--|-------------|
| <input type="checkbox"/> | Up Record |
| <input type="checkbox"/> | File Record |
| <input type="checkbox"/> | Diary |
| 7 JUN 2001 ✓ | |
| PCT | |
| <input type="checkbox"/> Renewal Record | |
| <input type="checkbox"/> Citations | |
| NOTIFICATION OF TRANSMITTAL OF Letters | |
| THE INTERNATIONAL PRELIMINARY EXAMINATION REPORT | |
| (PCT Rule 71.1) | |

Date of mailing
(day/month/year) 05.06.2001

Applicant's or agent's file reference

PAT 99408PCT

IMPORTANT NOTIFICATION

International application No.
PCT/EP00/01923

International filing date (day/month/year)
06/03/2000

Priority date (day/month/year)
18/03/1999

Applicant

NOKIA MOBILE PHONES LIMITED

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/

European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Authorized officer

Finnie, A

Tel. +49 89 2399-8251



PATENT COOPERATION TREATY
PCT
INTERNATIONAL PRELIMINARY EXAMINATION REPORT
(PCT Article 36 and Rule 70)

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|--|--|---|
| Applicant's or agent's file reference PAT 99408PCT | FOR FURTHER ACTION | See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) |
| International application No. PCT/EP00/01923 | International filing date (day/month/year) 06/03/2000 | Priority date (day/month/year) 18/03/1999 |
| International Patent Classification (IPC) or national classification and IPC H04Q7/32 | | |
| Applicant NOKIA MOBILE PHONES LIMITED | | |
| <p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 6 sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of sheets.</p> <p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input checked="" type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input checked="" type="checkbox"/> Certain defects in the international application VIII <input checked="" type="checkbox"/> Certain observations on the international application | | |

| | |
|---|---|
| Date of submission of the demand 07/08/2000 | Date of completion of this report 05.06.2001 |
| Name and mailing address of the international preliminary examining authority: European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465 | Authorized officer Pais Gonçalves, A Telephone No. +49 89 2399 8806 |



**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP00/01923

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):
Description, pages:

1-11 as originally filed

Claims, No.:

1-16 as originally filed

Drawings, sheets:

1/4-4/4 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- the language of publication of the international application (under Rule 48.3(b)).
- the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- contained in the international application in written form.
- filed together with the international application in computer readable form.
- furnished subsequently to this Authority in written form.
- furnished subsequently to this Authority in computer readable form.
- The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
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4. The amendments have resulted in the cancellation of:

- the description, pages:
- the claims, Nos.:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP00/01923

- the drawings, sheets:
5. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):
(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)
6. Additional observations, if necessary:

III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:
- the entire international application.
- claims Nos. 16.

because:

- the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (*specify*):
- the description, claims or drawings (*indicate particular elements below*) or said claims Nos. 16 are so unclear that no meaningful opinion could be formed (*specify*):
see separate sheet
- the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.
- no international search report has been established for the said claims Nos. .
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- the written form has not been furnished or does not comply with the standard.
- the computer readable form has not been furnished or does not comply with the standard.

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N) Yes: Claims 1-15

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/EP00/01923

| | | |
|-------------------------------|------|-------------|
| | No: | Claims |
| Inventive step (IS) | Yes: | Claims 1-15 |
| | No: | Claims |
| Industrial applicability (IA) | Yes: | Claims 1-15 |
| | No: | Claims |

**2. Citations and explanations
see separate sheet**

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:
see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:
see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/EP00/01923

III.

Claim 16 does not fulfil the requirements of Rule 6.2(a) PCT.

V.

1. The present invention relates to a radio handset (Claim 1) for browsing information from the Internet, as well as to a system comprising such a radio handset (Claim 2).
2. The nearest prior art seems to be represented by the cited and acknowledged in the description, in particular the WAP protocol. However, the cited protocol specifications do not enter into detail of its implementation.
3. The present invention is essentially based on an automatic registration in a remote application for access to the Internet by coupling the handset to an accessory device comprising the remote application. With the aid of a browser application the user gets access to the Internet.
4. Said solution is not disclosed in or rendered obvious by the available prior art. In particular: WO-A-97 32439 discloses a communication network terminal (PC) capable of supporting a plurality of applications and communicating by short messages e.g. to a mobile subscriber; EP-A-0 752 763 discloses a data communication system enabling a computer to communicate with a plurality of data terminals by radio communication; the paper by Haartsen et al discloses the bluetooth standard while the paper by Erlandson et al discloses the cited WAP protocol.
5. Consequently, Claims 1 and 2 fulfil the requirements of Article 33(1) PCT in respect of novelty, inventive step and industrial applicability. The same applies to dependent Claims 3 to 15, which contain further refinements of the main embodiments of the independent claims.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/EP00/01923

VII.

On page 11, line 24 of the description, the wording "as defined by the appended claims" was not added to the end of the sentence, PCT Guidelines PG-III 4.3a.

VIII.

The scope of Claims 3 to 15 is not clearly defined as they contain references to different kinds of claims, i.e. it is not clear whether they relate to a handset or to a system. Therefore, they do not fulfil the requirements of Article 6 PCT.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| | | |
|--|---|--|
| Applicant's or agent's file reference PAT 99408PCT | FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below. | |
| International application No. PCT/EP 00/01923 | International filing date (day/month/year) 06/03/2000 | (Earliest) Priority Date (day/month/year) 18/03/1999 |
| Applicant NOKIA MOBILE PHONES LIMITED | | |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :
 - contained in the international application in written form.
 - filed together with the international application in computer readable form.
 - furnished subsequently to this Authority in written form.
 - furnished subsequently to this Authority in computer readable form.
 - the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
 - the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. Certain claims were found unsearchable (See Box I).

3. Unity of Invention is lacking (see Box II).

4. With regard to the title,

- the text is approved as submitted by the applicant.
- the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.

None of the figures.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

EP 00/01923

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|--|------------------|--|--|
| WO 9732439 | A 04-09-1997 | FI 960895 A AU 1881497 A AU 4733599 A BR 9707868 A CA 2247449 A CN 1212109 A EP 0882375 A JP 2000505621 T | 27-08-1997 16-09-1997 11-11-1999 27-07-1999 04-09-1997 24-03-1999 09-12-1998 09-05-2000 |
| EP 0752763 | A 08-01-1997 | AT 154181 T AU 641541 B AU 8326291 A CA 2066587 A DE 69126417 D DE 69126417 T EP 0494298 A ES 2104716 T WO 9202084 A US 6006100 A US 5872354 A US 5544010 A US 5834753 A US 5805807 A US 5790536 A US 5726984 A US 5949056 A US 5644471 A US 5914481 A | 15-06-1997 23-09-1993 18-02-1992 26-01-1992 10-07-1997 05-02-1998 15-07-1992 16-10-1997 06-02-1992 21-12-1999 16-02-1999 06-08-1996 10-11-1998 08-09-1998 04-08-1998 10-03-1998 07-09-1999 01-07-1997 22-06-1999 |

INTERNATIONAL SEARCH REPORT

International Application No

EP 00/01923

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | <p>HAARTSEN J ET AL: "BLUETOOTH: VISION, GOALS, AND ARCHITECTURE" MOBILE COMPUTING AND COMMUNICATIONS REVIEW, US, ACM, NEW YORK, NY, vol. 2, no. 4, 1 October 1998 (1998-10-01), pages 38-45, XP000784002 page 38, left-hand column, paragraph 1 -right-hand column, paragraph 1 ----</p> | 1,2,5,6 |
| A | <p>ERLANDSON C ET AL: "WAP - THE WIRELESS APPLICATION PROTOCOL" ERICSSON REVIEW, SE, ERICSSON. STOCKHOLM, no. 4, 1998, pages 150-153, XP000792053 ISSN: 0014-0171 abstract page 150 page 153, right-hand column -----</p> | 1-3 |

INTERNATIONAL SEARCH REPORT

International Application No

EP 00/01923

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04Q7/32 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | WO 97 32439 A (DECKER PETER ;KAARTINEN KALEVI (DE); GUSTAFSSON PATRIK (FI); NOKIA) 4 September 1997 (1997-09-04) abstract page 2, paragraph 2 page 3, line 31 – line 33 page 7, column 2 page 12, line 12 – line 16 page 13, paragraph 5 –page 15, paragraph 2 page 27, paragraph 2 –page 28, paragraph 1 --- EP 0 752 763 A (NORAND CORP) 8 January 1997 (1997-01-08) column 3, line 24 – line 44 figure 1 --- -/-/ | 1,2,7-16 |
| A | | 1,2,4,5 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

18 August 2000

Date of mailing of the international search report

28/08/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentiaan 2
 NL – 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Blanco Cardona, P

PCT REQUEST

PAT 99408PCT

Original (for SUBMISSION) - printed on 29.02.2000 04:37:44 PM

| | | |
|--------------|--|---|
| 0 0-1 | For receiving Office use only International Application No. | |
| 0-2 | International Filing Date | |
| 0-3 | Name of receiving Office and "PCT International Application" | |
| 0-4 0-4-1 | Form - PCT/RO/101 PCT Request Prepared using | PCT-EASY Version 2.90 (updated 15.12.1999) |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | European Patent Office (EPO) (RO/EP) |
| 0-7 | Applicant's or agent's file reference | PAT 99408PCT |
| I | Title of invention | RADIO HANDSET |
| II | Applicant This person is: | applicant only |
| II-1 | Applicant for | all designated States except US |
| II-4 | Name | NOKIA MOBILE PHONES LIMITED |
| II-5 | Address: | KEILALAHDETIE 4 FIN-02150 ESPOO Finland |
| II-6 | State of nationality | FI |
| II-7 | State of residence | FI |
| II-8 | Telephone No. | +358 24 3061 |
| II-9 | Facsimile No. | +358 24 30 64544 |
| III-1 | Applicant and/or inventor This person is: | applicant and inventor |
| III-1-1 | Applicant for | US only |
| III-1-4 | Name (LAST, First) | STAGE, Erling |
| III-1-5 | Address: | KIRKEVAENGET 6B, st.tv DK-2500 VALBY Denmark |
| III-1-6 | State of nationality | DK |
| III-1-7 | State of residence | DK |

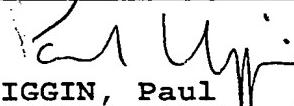
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| | | |
|---------|---|--|
| III-2 | Applicant and/or inventor This person is: | applicant and inventor US only PEDERSEN, Claus KRONENS kvt. 16A DK-2620 ALBERTSLUND Denmark |
| III-2-1 | | |
| III-2-2 | Applicant for | |
| III-2-4 | Name (LAST, First) | |
| III-2-5 | Address: | |
| III-2-6 | State of nationality | DK |
| III-2-7 | State of residence | DK |
| IV-1 | Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: | agent HIGGIN, Paul NOKIA IPR DEPARTMENT NOKIA HOUSE SUMMIT AVENUE SOUTHWOOD FARNBOROUGH, Hampshire GU14 0NG United Kingdom +44 1252 865 000 +44 1252 865 080 paul.higgin@nokia.com |
| IV-1-1 | Name (LAST, First) | HIGGIN, Paul |
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| IV-1-3 | Telephone No. | |
| IV-1-4 | Facsimile No. | |
| IV-1-5 | e-mail | |
| IV-2 | Additional agent(s) | additional agent(s) with same address as first named agent |
| IV-2-1 | Name(s) | HAWS, Helen, Louise; JEFFERY, Kendra, Louise; HIBBERT, Juliet, Jane, Grace; MUIR, Henry, Joseph; FRAIN, Timothy, John |
| V | Designation of States | |
| V-1 | Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | AP: GH GM KE LS MW SD SL SZ TZ UG ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE CH&LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT |

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|---------|--|--|-----------------------------|
| V-2 | National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | AE AL AM AT AU AZ BA BB BG BR BY CA CH&LI CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW | |
| V-5 | Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. | | |
| V-6 | Exclusion(s) from precautionary designations | NONE | |
| VI-1 | Priority claim of earlier national application | | |
| VI-1-1 | Filing date | 18 March 1999 (18.03.1999) | |
| VI-1-2 | Number | 9906317.4 | |
| VI-1-3 | Country | GB | |
| VII-1 | International Searching Authority Chosen | European Patent Office (EPO) (ISA/EP) | |
| VIII | Check list | number of sheets | electronic file(s) attached |
| VIII-1 | Request | 4 | - |
| VIII-2 | Description | 11 | - |
| VIII-3 | Claims | 4 | - |
| VIII-4 | Abstract | 1 | p99408abstract.txt |
| VIII-5 | Drawings | 4 | - |
| VIII-7 | TOTAL | 24 | |
| VIII-8 | Accompanying items | paper document(s) attached | electronic file(s) attached |
| VIII-9 | Fee calculation sheet | ✓ | - |
| VIII-12 | Separate signed power of attorney | ✓ | - |
| VIII-16 | Priority document(s) | Item(s) VI-1 | - |
| VIII-16 | PCT-EASY diskette | - | diskette |
| VIII-18 | Figure of the drawings which should accompany the abstract | 3 | |
| VIII-19 | Language of filing of the international application | English | |
| IX-1 | Signature of applicant or agent |  3/3/2000 | |
| IX-1-1 | Name (LAST, First) | HIGGIN, Paul | |

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|------|---|--|
| 10-1 | Date of actual receipt of the purported international application | |
|------|---|--|